

20050101.ba v03\_n749.bam.20050101

>From ???@??? Sat Jan 1 00:01:32 2005 -0600  
Date: Sat, 1 Jan 2005 00:00:14 CST  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 3749  
Message-Id: <20050101005838.599323FE8A@srvr1.theporch.com>

BOATANCHORS Digest 3749

Topics covered in this issue include:

- 1) Re: KNOWLEDGE BLACKOUT AT TIME MAGAZINE  
by John Dilks K2TQN <oldradio@worldnet.att.net>
- 2) Re: KNOWLEDGE BLACKOUT AT TIME MAGAZINE  
by "Arden Allen" <gumbear@pacbell.net>
- 3) Re: KNOWLEDGE BLACKOUT AT Old Tube Radios  
by "RJ Mattson" <rjmattson@hvi.net>
- 4) Re: KNOWLEDGE BLACKOUT AT Old Tube Radios  
by "b. smith" <smithab11@comcast.net>
- 5) Re: KNOWLEDGE BLACKOUT AT TIME MAGAZINE  
by "RJ Mattson" <rjmattson@hvi.net>
- 6) Time to change the thread..... Have Old Victor Soldering Stick  
by "Tom Chirhart" <sparks@codepoets.com>
- 7) need specs on Adcom LSA-3 power supply  
by Richard Post <postr@ohiou.edu>
- 8) Link for Sub-Minis?  
by David Stinson <arc5@ix.netcom.com>
- 9) Boatanchors: Get a clue, PLEASE!  
by "Richard Humphrey" <n6nae@ix.netcom.com>
- 10) Plate tank coupling, pi-net or link?  
by Charles <charlesmorris@direcway.com>
- 11) Re: Plate tank coupling, pi-net or link?  
by "Tom Rauch" <w8ji@contesting.com>
- 12) Re: KNOWLEDGE BLACKOUT AT TIME MAGAZINE  
by "Sandy" <ebjr@i-55.com>

---

Message-Id: <6.1.2.0.0.20041231085045.030b2100@ipostoffice.worldnet.att.net>  
Date: Fri, 31 Dec 2004 08:50:47 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: John Dilks K2TQN <oldradio@worldnet.att.net>  
Subject: Re: KNOWLEDGE BLACKOUT AT TIME MAGAZINE  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Bravo! Well said. All of it.

John Dilks, K2TQN

At 07:46 AM 12/31/04, David Stinson wrote:

>I'm glad Edward R. Morrow didn't live to see "journalism"  
>perverted into a psychological warfare tool  
>and lesser men sully his position; he'd be ashamed

-----  
Message-ID: <002501c4ef64\$8044d820\$16e47443@KB6NAX>  
From: "Arden Allen" <gumbear@pacbell.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: KNOWLEDGE BLACKOUT AT TIME MAGAZINE  
Date: Fri, 31 Dec 2004 10:13:54 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Dave;

> ....Go to any college and audit the journalism classes-  
you'll find professors beating the "your job is to  
change the world" drum. ....

You have your finger on the problem but it goes deeper. Western culture is all about "self." Preoccupation with one's worth in life is our malady. "Duty" has been reduced to a mere element in catch-phrase political propagandization. If you don't "catch the the brass ring" (how's that for antiquity?) you're a failure and worthless. Is it any wonder that we in America are looming ever larger as the target for traditional culture extremists around the world? Time reporting not withstanding????

Arden Allen  
KB6NAX

-----  
Message-ID: <034601c4ef67\$24a1f400\$bfb30642@Laptop>  
From: "RJ Mattson" <rjmattson@hvi.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: KNOWLEDGE BLACKOUT AT Old Tube Radios  
Date: Fri, 31 Dec 2004 13:32:53 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
        format=flowed;  
        charset="iso-8859-1";  
        reply-type=original

Content-Transfer-Encoding: 7bit

Go ahead Don. It's your turn. We are all listening.  
bob...w2ami

----- Original Message -----

From: "Don Davis" <dxguy@earthlink.net>

> Anyone mind if we get back to Old Tube Radios? That's the only thing the  
> rest of us signed up for.  
> Tnx & 73  
> AD6PB

-----  
Message-ID: <00df01c4ef6b\$aaa7a870\$94f02144@Denroom>

From: "b. smith" <smithab11@comcast.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: KNOWLEDGE BLACKOUT AT Old Tube Radios

Date: Fri, 31 Dec 2004 14:05:13 -0500

MIME-Version: 1.0

Content-Type: text/plain;

format=flowed;

charset="iso-8859-1";

reply-type=original

Content-Transfer-Encoding: 7bit

"Enough of this falderol"

Happy New Year to all. SKN is tonight.

Breck k4che

-----  
Message-ID: <03d401c4ef6e\$1c0a61e0\$bfb30642@Laptop>

From: "RJ Mattson" <rjmattson@hvi.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: KNOWLEDGE BLACKOUT AT TIME MAGAZINE

Date: Fri, 31 Dec 2004 14:22:45 -0500

MIME-Version: 1.0

Content-Type: text/plain;

format=flowed;

charset="iso-8859-1";

reply-type=response

Content-Transfer-Encoding: 7bit

Good reply David.

Since our media and politicians are owned by corporations, what we see and

hear is no more than propaganda.

"Beware of the military-industrial complex". Dwight D Eisenhower.

Anyone know if Hammarlund had a club or factory call sign in NYC?

bob...w2ami

----- Original Message -----

From: "David Stinson" <arc5@ix.netcom.com>

Subject: Re: KNOWLEDGE BLACKOUT AT TIME MAGAZINE

>

> ....Most media people, and especially their editors,

> have a political agenda. Everything that sees publication or

> air is filtered through that agenda- everything.> .....

> D.S.

>

-----  
From: "Tom Chirhart" <sparks@codepoets.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Time to change the thread..... Have Old Victor Soldering Stick

Date: Fri, 31 Dec 2004 15:07:31 -0500

Message-ID: <000001c4ef74\$5c3c7f90\$6401a8c0@sparks>

MIME-Version: 1.0

Content-Type: multipart/alternative;

boundary="-----=\_NextPart\_000\_0001\_01C4EF4A.73667790"

This is a multi-part message in MIME format.

-----=\_NextPart\_000\_0001\_01C4EF4A.73667790

Content-Type: text/plain;

charset="us-ascii"

Content-Transfer-Encoding: 7bit

Lets change from the Time VS Ham Radio theme to something of interest...

I found an early, probably 1920's or 30's? Victor Soldering Stick, a cardboard tube container. It says "Non-Corrosive Convenient, Effective, a Perfect Substitute for Resin, Acids and Soldering Salts". Has VICTOR printed across the middle of a woven wreath. Any members out there have an idea of what timeframe this may be from? Any interest in it... it shows it's age, nothing inside though.... Soldering Salts predates me....

73 HNY

See you on SKN in a few hours

Tom K4NCG

-----=\_NextPart\_000\_0001\_01C4EF4A.73667790

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

\* \* \* \* \*  
\* ---REMAINDER OF MESSAGE TRUNCATED--- \*  
\* This post contains a forbidden message format \*  
\* (such as an attached file, a v-card, HTML formatting) \*  
\* Mail Lists at theporch.com only accept PLAIN TEXT \*  
\* If your postings display this message your mail program \*  
\* is not set to send PLAIN TEXT ONLY and needs adjusting \*  
\* \* \* \* \*

-----=\_NextPart\_000\_0001\_01C4EF4A.73667790--

-----  
Mime-Version: 1.0  
Message-Id: <p05210601bdfb5f2bd03d@[192.168.1.102]>  
Date: Fri, 31 Dec 2004 15:16:58 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Richard Post <postr@ohiou.edu>  
Subject: need specs on Adcom LSA-3 power supply  
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Anyone have the current/ voltage specs on this piece?

I drew the schematic already. This is a 115 VAC power supply with outputs similar to the Heath HP-23 models. Has the usual separate transmitter B+, receiver B+, variable bias, filament connections, and remote on-off. It uses 4 series-parallel 100 mike, 450 volt electrolytics for filtering transmit B+ and bridge rectifier circuits instead of the Heath doubler circuits. Output connector is a Jones 5 by 2.

The transformer is definitely beefier than that of the Heath. Haven't powered it as yet to determine no-load voltages.

I noticed that an Adcom 250 (12 volt input) is recommended by Swan as one option for use with their monobander 175, 140, 120 series. I suspect this power supply will also be a good match for those radios. Had never heard of Adcom Linear Systems before.

73 and Happy New Year or New Year's Eve depending upon your time zone.

Rich

Boatanchor pix

<<http://www.qsl.net/kb8tad>>

-----  
Message-ID: <41D5E0B3.2080803@ix.netcom.com>  
Date: Fri, 31 Dec 2004 17:28:51 -0600  
From: David Stinson <arc5@ix.netcom.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Link for Sub-Minis?  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Could someone please point me to a link for  
subminiature tube bases and specs?  
I know it's here somewhere, or used to be...  
Thanks.

-----  
Message-ID: <4120051610315570@ix.netcom.com>  
From: "Richard Humphrey" <n6nae@ix.netcom.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Boatanchors: Get a clue, PLEASE!  
Date: Fri, 31 Dec 2004 16:31:5 -0800  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="-----=\_NextPart\_84815C5ABAF209EF376268C8"

-----=\_NextPart\_84815C5ABAF209EF376268C8  
Content-type: text/plain; charset=US-ASCII

Hey all:

The boss of this outfit sends out periodic reminders to please  
NOT attach existing messages when you reply to the BA list. It seems to  
have about as much effect as an open filament. So maybe if I ditto this  
thought, it would get some attention. Hah. Anyways, when you hit  
reply, PLEASE DELETE the text of the message you are replying to before you hit  
send. How hard is that? It doesn't need to get resent again and  
again to the list. This thread on Time magazine has bounced around enough  
that I've got dozens of lines of junk, same message just repeated over and  
over.

Thanks! Rant over. As you were.

Richard

-----=\_NextPart\_84815C5ABAF209EF376268C8

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

-----=\_NextPart\_84815C5ABAF209EF376268C8--

-----  
Date: Fri, 31 Dec 2004 21:10:33 -0600  
From: Charles <charlesmorris@direcway.com>  
Subject: Plate tank coupling, pi-net or link?  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <q25ct0d1i7g1ng1232mchn1dngqo7p10g6@4ax.com>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7BIT

I am building a four-4-125A amplifier for use with my Command Sets (20W carrier just isn't making it). I am now building the plate tank circuit. The tank L is three stacked T200 toroid cores, appropriately insulated and wound with spaced bare #12 wire. If this isn't high-Q enough, I may redo it closewound with Teflon-insulated silver wire.

It occurred to me that instead of a "standard" pi-network, I could tune the tank with a typical air variable, but wind a couple of turns of Teflon-insulated HV wire through the toroids for a link coupling. (I assume a variable "load" cap would then go in series with the link to tune out its reactance).

I want to use this amp on 75m and 40m without a bandswitch... output loads will be 50-75 ohms. Will this be a problem with the link having too many, or too few turns, on either band?

Could I also use link coupling for neutralization? I never liked the "bend a piece of wire near the envelope" pickup method...

thanks  
Charles  
WB3JOK

-----  
Message-ID: <03b601c4efc4\$4c53b800\$6601a8c0@akorn.net>  
From: "Tom Rauch" <w8ji@contesting.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Plate tank coupling, pi-net or link?  
Date: Sat, 1 Jan 2005 00:39:44 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> I am building a four-4-125A amplifier for use with my  
Command Sets  
> (20W carrier just isn't making it). I am now building the  
plate  
> tank circuit. The tank L is three stacked T200 toroid  
cores,  
> appropriately insulated and wound with spaced bare #12  
wire. If  
> this isn't high-Q enough, I may redo it closewound with  
> Teflon-insulated silver wire.

The loss in the toroids will likely set the unloaded or  
self-Q of the inductor, unless you use small wire. Any  
insulation, even teflon, actually would reduce Q for a given  
conductor type and size but the change would probably not be  
noticable. Silver vs bare copper would have minimal effect  
also.

> It occurred to me that instead of a "standard" pi-network,  
I could  
> tune the tank with a typical air variable, but wind a  
couple of  
> turns of Teflon-insulated HV wire through the toroids for  
a link  
> coupling. (I assume a variable "load" cap would then go in  
series  
> with the link to tune out its reactance).

I assume you have four 4-125A's in parallel, and are  
attempting to grid drive them. I suppose it would work, but  
that's a lot of feedback capacitance. On two bands it would  
probably be workable.

The problem with link coupling over a pi with good layout is  
you often lose a significant amount of high-order harmonic  
suppression.



> I want to use this amp on 75m and 40m without a  
bandswitch...  
> output loads will be 50-75 ohms. Will this be a problem  
with the  
> link having too many, or too few turns, on either band?

Likely not if you use a variable C in the link and size the  
link right. I'm not sure about all that tight coupling  
caused by using a toroid in a link system, and the change in  
tank loaded Q. You need almost a 4:1 capacitance range to go  
from 40 to 75. That's a significant change.

> Could I also use link coupling for neutralization? I never  
liked  
> the "bend a piece of wire near the envelope" pickup  
method...

With four tubes, you aren't going to use a bent wire anyway  
(not that there is a thing at all wrong with a wire stub  
capacitor). I wouldn't know why anyone would want to link  
couple into a tank to neutralize a PA stage. First the  
feedback phase and level would change with tank tuning and  
loading. Second you would have single band neutralization.

Broadband phase inversion in a bridge circuit would be a  
better choice. If you want to do a link, do it to a grid  
coil where the impedances are stable and power levels are  
low.

Personally if I was going to do four tubes (which I probably  
never would) and use a link coupled tank (which I only would  
for nostalgia or restoration) I'd use push-pull parallel and  
cross neutralize the system.

73 Tom

-----  
Message-ID: <003701c4efc7\$29bd03c0\$b6a1cdd1@s0023531634>  
From: "Sandy" <ebjr@i-55.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: KNOWLEDGE BLACKOUT AT TIME MAGAZINE  
Date: Sat, 1 Jan 2005 00:00:13 -0600  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gang,

The so called "appliance operator" is for the most part...US!  
There were a lot of guys who went out and bought Collins stations, Hallicrafters or National receivers, Hammarlunds..etc., transmitters from a plethora of makers. Some of these guys were first class operators, some "LIDS".

Nowadays it is REALLY HARD to scratch build your own stuff at reasonable prices! The closest I have seen to "almost" homebrewers was the famous Heathkit era during the vacuum tube days. It was sometimes HARD to buy parts, punch/drill chassis and assemble something decent looking for what some of the older Heathkits were selling for. (i.e.: AT-1, DX-35/40, DX-60 etc. The DX-100 compared to the Viking 2!

I have also seen guys with a minimum of technical knowledge that were really "crack" CW operators and testers! DX hounds extraordinary! I have also seen homebrewed stations with "LID" operators! So go figure!

In today's world, I appreciate the guys who are QRP nuts or those that can't afford to erect tall towers filled with BIG BEAMS and they still make DXCC quickly. I have a female neighbor, (whose call I won't mention) who just a year ago was struggling to make 10 WPM on CW. She can do 25 WPM pretty easy now, maybe more, and is progressing very fast! She also has a very good "fist" to boot! Just hang around during some contests and see how many "young people" are pounding brass like mad! Hopefully, we can continue to encourage this type of activity and preserve Morse for future generations, so they will understand just how unique this method of early wireless communications is!

73 and Happy New Year!

Sandy W5TVW

----- Original Message -----

From: "Tom Smith" <tsmith@hal-pc.org>

To: "Old Tube Radios" <boatanchors@theporch.com>

Sent: Thursday, December 30, 2004 7:02 PM

Subject: Re: KNOWLEDGE BLACKOUT AT TIME MAGAZINE

| Well said Avery.

|  
| I eventually dropped out of my local ham club because there was no one that  
| had any interest in vacuum tube technology and this was a ham club with much  
| greater per capita odds of finding common ground. The majority were  
| appliance operators (no flames please, I have no problems with appliance  
| ops) but the ones that were interested in building and what made things tick  
| were sand state folks (I have no problem with them either). The bottom line  
| is, we in the amateur radio community are few and the vacuum tube folks are  
| even fewer. We need to do as Avery so wisely suggested and take part in  
| community service whenever possible. Actions can speak as loudly as words.

| Happy new year to all! (especially you .25%)

Tom N5AMA

----- Original Message -----

From: "Avery Comarow" <acomarow@usnews.com>

To: "Old Tube Radios" <boatanchors@theporch.com>

Sent: Thursday, December 30, 2004 12:42 PM

Subject: Re: KNOWLEDGE BLACKOUT AT TIME MAGAZINE

> Indulge me for a minute, as a writer/editor for U.S. News & World Report,  
> one of Time's friendly competitors.

>  
> The way I see Time's snickering dismissal of our pastime (and stamp  
> collecting, too, remember) is this:  
> The ratio of hams in the U.S. population is about 2.5 per 1,000 (735,000  
> hams out of 295 million people). In my office we have perhaps 100 people.  
> Everything else being equal, that makes the odds of finding even one radio  
> amateur in this bunch 1 in 4 (0.25 hams per 100). As far as I know, I'm  
> the  
> token ham roaming the halls and have always been the token ham in my 18  
> years here, not counting one guy who confessed to a brief fling with  
> hamming during adolescence. Time has a much larger staff, but even if it's  
> triple our size, that's still a probability below 1 of having a single ham  
> on board. So none of us are around to catch silly or egregious stuff of  
> the  
> kind under discussion.

>  
> Why, you ask reasonably, wouldn't a group of bright, knowledgeable people  
> like Time's editors have at least passing familiarity with the history of  
> radio and its pioneers?

>  
> They should. But I'd bet my NC-2-40D that very, very few folks at the top  
> of the Time masthead have either a background or much interest in  
> technology, period, let alone ancient technology and even less so its  
> actual nuts and bolts. So their perspective is cartoonish, the same  
> stereotyping that turns engineers into guys with taped glasses and dazed  
> expressions in social settings, mathematicians into otherworldly  
> creatures,  
> and (veering dangerously into swampy terrain, sorry) religious Christians  
> into Bible-spouting bigots, Muslims into terrorists, whites into greedy  
> capitalists, African-Americans into thugs... It ain't pretty. And if an  
> editor is going to try to raise his consciousness, he's not going to start  
> with hams and stamp collectors.

>  
> I will say this: Letters to Time do get a careful reading, just as letters  
> do here and at most publications. The best educational tool is a letter or  
> email that politely raises the points David has, citing chapter and verse  
> to correct whatever impression resulted in the dissing in the pages of the  
> mag, and requests that the letter be directed to the writer and editor

| > reponsible. Did I mention politely?  
| >  
| > Given our stereotype and low profile, we shouldn't expect much, but that's  
| > okay. It's like a good teacher who finds joy in reaching one student.  
| > Maybe  
| > there will be one writer or editor whose fingers stop over the keyboard  
| > the  
| > next time.  
| >  
| > Avery W3AVE  
| > Potomac, Md.  
| >  
| > At 09:01 AM 12/30/2004, you wrote:  
| >>[large snip] ...  
| >>It's a shame the editors at Time have such a narrow view of radio, the  
| >>technology that is the basis for the Internet and all the stuff that  
| >>currently grabs readers attention.  
| >  
|  
|

-----

End of BOATANCHORS Digest 3749

\*\*\*\*\*